

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) The synthetic peptide

Lys-Ile-Ser-Val-Ser-Tyr-Asp-Asn-Phe-Ala-Leu-Val-Asp-D-Tyr

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Leu-Val-Phe-Glu-Arg-Thr-Lys-Ser-Asp-Thr-Asp,

15 16 17 18 19 20 21 22 23 24 25

wherein the Lys in 1-position is linked with the Asp in 13-position via a side chain or a β -turn mimetic agent.

- 2-6. (Canceled)

7. (Previously Presented) The synthetic peptide

Lys-Ile-Ser-Val-Ser-Tyr-Asp-Asn-Phe-Ala-Leu-Val-Asp-D-Tyr

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Leu-Val-Phe-Glu-Arg-Thr-Lys-Ser-Asp-Thr-Asp,

15 16 17 18 19 20 21 22 23 24 25

wherein the Lys in 1-position is linked with the Asp in 13-position via a side chain.

8. (Canceled)

9. (Previously Presented) A pharmaceutical composition comprising the peptide according to claim 1 and a pharmaceutically acceptable carrier.

10. (Previously Presented) The composition of claim 9, which is in a form suitable for intravenous, subcutaneous, oral or transdermal administration.

12-17. (Cancelled)

18. (Previously Presented) A pharmaceutical composition comprising the peptide according to claim 7 and a pharmaceutically acceptable carrier.

19. (Previously Presented) The composition of claim 18, which is in a form suitable for intravenous, subcutaneous, oral or transdermal administration.

20. (Cancelled)

21. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing thrombosis comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein thrombosis is treated or prevented.

22. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing unstable angina comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein unstable angina is treated or prevented.

23. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing arteriosclerosis comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein arteriosclerosis is treated or prevented.

24. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing reocclusion of a vessel after PTCA/PTA comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein reocclusion of a vessel after PTCA/PTA is treated or prevented.

25. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing reocclusion of a vessel after thrombolysis for treating a myocardial infarction comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein reocclusion of a vessel after thrombolysis for treating a myocardial infarction is treated or prevented.

26. (Currently Amended) ~~A method according to claim 11~~ A method for treating or preventing blood clotting comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 1, wherein blood clotting is treated or prevented.

27. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing thrombosis comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein thrombosis is treated or prevented.

28. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing unstable angina comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein unstable angina is treated or prevented.

29. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing arteriosclerosis comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein arteriosclerosis is treated or

prevented.

30. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing reocclusion of a vessel after PTCA/PTA comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein reocclusion of a vessel after PTCA/PTA is treated or prevented.

31. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing reocclusion of a vessel after thrombolysis for treating a myocardial infarction comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein reocclusion of a vessel after thrombolysis for treating a myocardial infarction is treated or prevented.

32. (Currently Amended) ~~A method according to claim 20~~ A method for treating or preventing blood clotting comprising administering to a patient in need thereof a therapeutically effective amount of a peptide of claim 7, wherein blood clotting is treated or prevented.